

## 日本植物斷報(其五)

佐竹義輔

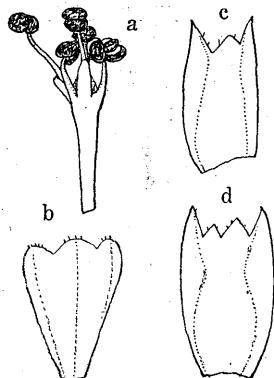
Y. SATAKE: Trivial Notes on the Japanese Plants (V)

## 24) いとほしくさ(新種)

*Eriocaulon nanellum* OHWI ヤ *E. nosoriense* OHWI =似テキルガ、雄花ノ  
萼ガ3淺裂シ、雌花ノ萼片ハ不規則=3-4裂シ、瓣片ハ長形ノ細胞ヨリ成ルノ  
デ區別サレル。羽後、陸中ノ國境八幡平デ松田孫治氏が採集サレ小泉秀雄氏ニ  
送ラレタノガ基準品デアル。標品ヲ貸シテ下サツタ小泉氏ト *E. nanellum* ト *E.  
nosoriense* ノ標品ヲ送ツテ下サツタ大井次三郎氏ニ厚ク感謝ノ意ヲ表スル。

*Eriocaulon filamentosum* SATAKE, sp. nov. (Fig. 1)

Planta gracillima, acaulis, cæspitosa, aquatica, annua. Radix alba, fibrosa,  
transverse multi-septata. Folia anguste linearia, 1.5-2.5 cm longa, 0.5 mm  
lata, in sicco membranacea, 3-nervia, fenestrata. Pedunculi exiles, filamentosi,  
usque 5-8 cm alti, 0.5-0.3 mm lati, paucetorti, vaginis 2 cm longis 1 mm latis,  
tenue cylindricis apice oblique fissis. Capitula cyathiformia, atro-fusca,



2 mm longa, 1.5-2 mm lata, bracteis in-  
volucrantibus 4, oblongis, apice obtusis,  
2 mm longis 1 mm latis. Flores pauci,  
masculi (3-4) et feminei (3-4) mixti.  
Receptaculum glabrum.

Flos ♂: sessilis; bractea oblonga,  
navicularis, apice obtusiuscula vel ir-  
regulariter minute denticulata, atro-oli-  
vacea, glabra, 1.5 mm longa, 0.6 mm lata,  
flore paulo brevior; sepala olivaceo-  
nigricantia, in spatham antice apertam  
apice trilobatam connata, lobis obtusis

Fig. 1. いとほしくさ(*E. filamentosum*  
SATAKE) a-b 雄花、a 花、b 萼、c-f  
雌花、c-d 萼、e 瓣片、f 瓣片ヲ成ル  
細胞、a, b, c, d, e = ×16 f = ×ca. 66. ccnnata, lobis oblongis glabris intus  
apicem glandula nigra unica instructis; stamina 6; filamenta filiformia, tria

oppositipetala conspicue longiora ; antheræ orbiculares, nigræ.

Flos ♀ : sessilis ; bractea oblonga, apice acutiuscula, margine ciliolata, 1.3 mm longa, 0.5 mm lata, sub lente convexa, olivaceo-nigra, flore paulo brevior ; sepala in spatham antice apertam apice irregulariter 3-4-lobatam connata, lobis deltoideis acutis sparse ciliolatis, olivaceo-nigra, petalis breviora ; petala 3, libera, oblanceolato-spathulata, basi subcuneata, glabria, albo-spongiosa, intus apicem glandula nigra unica coronata, spongiosa cellulis elongatis composita ; germen 3-coccum ; stylus brevis ; stigmata 3, stylo paulo breviora ; semina elliptica usque 0.7 mm longa, glabra.

Nom. Jap. *Ito-hosikusa* (nov.).

Hab. Honsyū : Prov. Ugo, Hatimantai (M. MATUDA, Aug. 1934—typus).

Distr. Endemica.

### 25) おきなはみづたまさう (新變種)

臺灣ノすいしやはしくさ (*Eriocaulon suishaense* HAYATA) =近イガ、葉ガ廣ク長ク、花モ種子モ大キイモノデアル。東大理學部植物學教室ノ腊葉室 = *E. alpestre* var. *robustius* MAXIM. トシテアツタモノデアルガ、花ノ構造ヲ見ルトコレトハ全ク違ツタ節ニ屬スル。

#### *Eriocaulon suishaense* HAYATA var. *okinawense* SATAKE, var. nov.

Annua, acaulis. Radices albæ, fibrosæ, septis indistinetis. Folia rosulata, lanceolato-linearia vel linearia, 4-7 cm longa, basi 3-5 mm lata, superiore sensim angustata, apice acutiuscula, tenui papyracea, glabra, 7-9-nervia, obscure fenestrata. Pedunculi numerosi, 7-13 cm alti, 0.6 mm lati, 4-costati, paucet torti. Vaginæ cylindricæ, 3-4 cm longæ, 1.5 mm latæ, apicem oblique fissæ. Capitula hemisphærica, basi umbilicata, 2.5 mm alta, 4 mm in diametro. Bracteæ involuerantes numerosæ, ellipticæ, 2-2.5 mm longæ, apice obtusæ vel acutiusculæ, irregulariter minute serrulatae, tenues, in sicco canescenti-nitidæ, capitulo breviores. Receptaculum glabrum. Flores masculi pauci et feminei numerosi mixti. Bracteæ florum obovatæ, apice acutiusculæ, minute serrulatae, concavæ, 2 mm longæ, 1 mm latæ, basi albo-hyalinæ, apicem olivaceo-nigricantes, inferiores fertiles sed exteriores saepe steriles.

Flos ♂ : usque 1.8 mm longus ; sepala in spatham antice apertam apice irregulariter denticulato-fissam connata, glabra, olivaceo-nigricantia, ea. 1.6mm

longa; petala in tubum apice 3-lobos connata, lobis oblongis infra apicem glandula nigra unica coronatis, apicem margine breve pilosis, pilis clavatis 2-cellulatis; stamna 6, tria oppositipetala breviora; antherae nigrae, orbicularis; in centro pistilli rudimentum glandulosum nigrum dispositum.

Flos ♀: breve pedicellatus, usque 2 mm longus; sepala 2, libera, linearia, navicularia, apice acuta, glabra, olivaceo-nigra, usque 1.8 mm longa; petala 3, libera, linearia, alba, spongiosa, cellulis elongatis composita, extus glabra intus sparse pilosa, apicem margine breve puberula infra glandula nigra unica instructa; capsula 3-cocca; stylus capsula paulo longior; stigmata 3, stylo paulo breviora; semina elliptica, 0.5 mm longa, glabra, distinete hexagono-reticulata.

Nom. Jap. *Okinawa-mizutamasō* (nov.).

Hab. Ryūkyū: Ins. Okinawa (T. MIYAGUSUKU-typus in Herb. Imp. Univ. Tokyo.) (S. SAKAGUCHI, anno 1920, n. 25).

Distr. Endemica.

## 26) さいこくろいぬのひげ (新稱)

くろいぬのひげ (*Eriocaulon atrum* NAKAI) = 酷似スルガ、總苞片ガ稍鈍頭デ、先端黒色ヲ帶ビズ、頭花ト殆ド同長デアル點デ區別サレル、既ニ標品ニ名付ケラレタ *E. atrum* var. *intermedium* NAKAI ヲ確認シ、新ニさいこくろいぬのひげノ和名ヲ與ヘテ茲ニ提唱スル。紀伊、攝津、播磨、備中ノ諸國ニ産スル。

*Eriocaulon atrum* NAKAI var. *intermedium* NAKAI in schedl.

A typo differt bracteis involuerantibus numerosis ovatis vel ovato-lanceolatis, apice obtusiusculis non nigricantibus, capitulo subæqualibus, capitulis late turbinatis.

Nom. Jap. *Saikoku-kuroinunohige* (nov.).

Hab. Honsyū: Prov. Kii, in oppido Sinzyōmura (T. NAKAZIMA, anno 1925); Prov. Settu, in oppido Toyonakamati (N. Ueda, anno 1934, n. 21, pro parte); Prov. Harima, in oppido Onomati (leg? n. 21); Prov. Bittyū, in oppido Keyaki (Z. YOSINO, n. 30-typus).

Distr. Endemica.

## 27) つくしくろいぬのひげ (新種)

くろいぬのひげ (*E. atrum* NAKAI) ニ近イガ、花床、花瓣片ハ全ク無毛デアルカラ獨立種ト認メタイ。採集者中島一男氏ヲ記念シテ *E. Nakasimanum* SATAKE ノ學名ヲ用意シタ。

***Eriocaulon Nakasimanum* Satake, sp. nov.**

Acaulis. Radices fibrosæ, albæ, transverse septatæ. Folia rosulata, linearisubulata, usque 10–18 cm longa, medio 1.5–3 mm lata, apicem sensim attenuata, apice ipso subulata, glabra, subtus nitidiusecula, 5–7–9-fenestrato-nervia, interiora sensim angustiora. Pedunculi aggregati, graciles, 4-costati, paucem vel haud torti, vaginis cylindricis 3–5 cm longis apice hyalino-membranaceis oblique fissis. Capitula fructifera hemisphærica, 4–5 mm lata, 3 mm alta. Bracteæ involuerantes 8–11, oblongæ, apice obtusæ, glabrae, 2.5 mm longæ 1.5 mm latæ, capitulo paulo breviores. Bracteæ florum obovato-cuneatæ, apice obtusæ, breve apiculatæ, margine sparse ciliolatae, uninervatae, navicularis, maseculæ 1.7 mm longæ 0.8 mm latæ, femineæ latiores longioresque 2 mm longæ 1 mm latæ. Flores masculi (ca. 14) et feminei (ca. 13) mixti. Receptaculum glabrum.

Flos ♂ : 2 mm longus; sepala in spatham oblanceolatum antice fissam apice trilobulatum connata, lobulis obtusis glabris, extus et intus glabra, atrata; petala in tubum apice campanulatum trilobatum connata, lobis crassis glabris infra apicem glandula nigra unica instructis; stamna 6, tria oppositipetala paulo longiora; antheræ nigræ rotundatae.

Flos ♀ : ca. 2 mm longus; sepala in spatham antice apertam apice trilobulatum connata, lobulis glabris medio obtuso parvo lateralibus acutis longioribus, atro-olivacea, extus glabra intus dense barbata, marginibus lateralibus sparse pilosis; petala 3, libera, lanceolato-spathulata, basi cuneato-stipitata, apice obtusiuscula interdum bifida, omnino glabra, apicem intus glandula nigra coronata, albo-spongiosa cellulis ellipticis composita; capsula 3-cocca; stylus capsula brevior; stigmata 3, stylo breviora; semina elliptica, fulva, 1.3–1.4 mm longa 0.6–0.7 mm lata, sparse hamato-papillosa.

Nom. Jap. *Tukusi-kuroinunohige* (nov.).

Hab. Kyūsyū: Prov. Tikuzen, Yakatabaru prope Hukuoka (K. NAKASIMA, Oct. 1937, n. 49-typus in Herb. Imp. Univ. Tokyo.).

Distr. Endemica.

## 28) れんげちほしくさ (新種)

臺灣臺中州蓮華池ニ産スルモノデ、なんとうほしくさ (*Eriocaulon nantoense*

HAYATA) ト九州産ノゴマシホほしくさ (*E. senile* HONDA) =近イ種デアル。シカシ前者カラハ、花床ガ無毛デ、花柱ガ柱頭ヨリ短ク、雄花ノ萼ハ深ク時ニハ基部マデ3裂シ、葉ガ鈍頭ヲナスノデ區別サレ、後者カラハ、頭花ガ小形、雄花ノ瓣片ハ苞ニ對スル1個ガ他ヨリ長ク、葉ガ細クナルノデ明カニ區別サレル。著者ノ研究ノタメ臺灣產ほしくさ屬植物ノ標品全部ヲ貸シテ下サツタ臺北帝國大學理農學部植物分類生態學教室主任ノ御厚意=對シ厚ク感謝スル次第デアル。

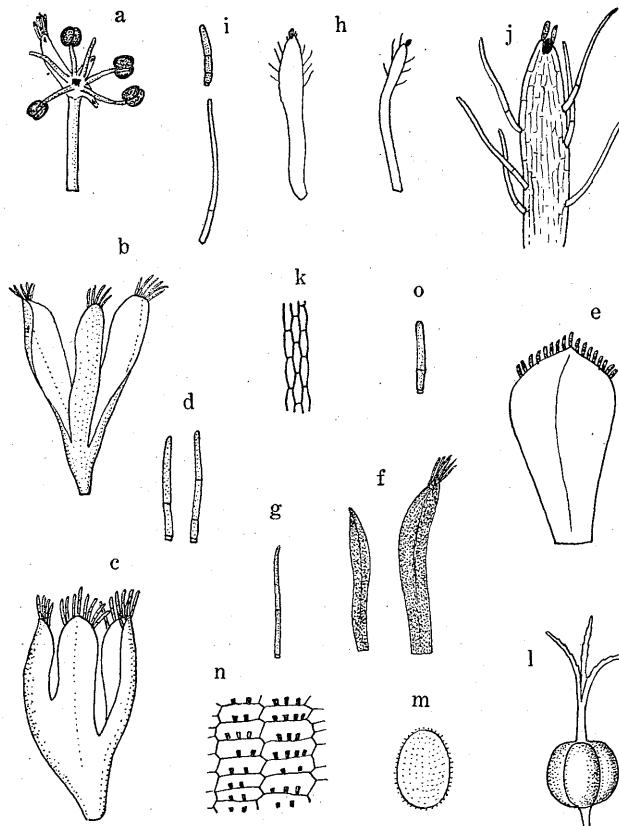


Fig. 2. れんげちほしくさ (*E. trisectum*) a-d 雄花、a 花、3瓣片ノ中苞ニ對スルモノ特ニ大ナリ、b-c 莖、深ク裂ケ上端ニハ2-3細胞(d)ヨリ成ル毛アリ、e 花苞、o 莖ノ上端ニアル短毛、f-n 雌花、f 莖片、左ハ内方ニ位スルモノ、右ハ側方ニ位スルモノ、g 莖片ノ上端ニアル毛、h 瓣片、右ハ側方ニ位スルモノ左ハ苞ニ對スルモノ、i 上ハ瓣片ノ上端ニアル短毛、下ハ上方ノ縫側ニアル毛 j 瓣片ノ上部ヲ擴大セルモノ、k 瓣ヲ成ス細胞、l 成熟セル子房、花柱ハ柱頭ヨリ遙ニ短シ、m 種子、n 種子ノ表面ノ模様トソレニ生ズル柱状毛、a, b, c, e, f, h, l =  $\times 16$ . d, g, i, j, o = ca. 53. m =  $\times 20$ . k, n = ca. 66.

*Eriocaulon trisectum* SATAKE, sp. nov. (Fig. 2)

Annua, acaulis. Radices fibrosæ, albæ, transverse septatae, radiculosæ. Folia

rosulata, linearia, 4–7 cm longa, medio 3–4 mm lata, versus apicem sensim attenuata, ipso apice obtusiuscula, glabra, 7–9-fenestrato-nervia, erecto-ascendentia, subarcuata. Pedunculi usque 15–25 cm longi, 5-costati, torti. Vaginæ laxæ cylindricæ, 4–5 cm longæ, apice oblique fissæ. Capitula sphærica, fructifera 3–4 mm in diametro, atro-olivacea, densius albo-puberula. Bracteæ involucrantes 5–7, oblongo-obovatæ, ca. 2 mm longæ, apice obtusæ, pellucido-membranaceæ, apicem olivaceo-nigricantes, capitulo conspicue breviores. Flores masculi et feminei intermixti. Receptaculum glabrum. Bracteæ florum ♂ et ♀ similes, obovato-cuneatæ, apice acutæ, ca. 1.6 mm longæ, 0.8 mm latæ, sub lente naviculares, olivaceo-nigræ, apicem margine et dorso pilis albis 2-cellulatis puberulæ, floribus æquilongæ, vel paulo longiores.

Flos ♂ : sepala 3, basi tantum vel in medio connata, oblonga, atro-olivacea, apice obtusa pilis albis 2–3-cellulatis puberula, usque 1.6 mm longa, lateralia navicularia; petala in tubum apice trilobatum connata, lobis lateralibus parvis angustis, glabris, lobo anteriore oblongo apice pilis 2-cellulatis puberulo lateralibus conspicue majore, apicem intus glandula nigra unica instructis; stamina 6, tria oppositipetala vix longiora, antheris nigris orbicularibus.

Flos ♀ : breve pedicellatus, ca 1.6 mm longus; sepala 3, libera, lanceolato-linearia vel linearia, navicularia, olivaceo-nigricantia, uninervia, apice acuta pilis albis 2–3-cellulatis puberula, 1.4 mm longa, æqualia vel sepalam internum sæpe angustius breviusque et glabrum; petala 3, libera, spatulato-linearia, albo-pellucida, ca. 1.2 mm longa, apicem infra marginaque pilis albis 2-cellulatis puberula, infra apicem glandula nigra unica coronata, petalo externo vix longiore latioreque, apice pilis albis 2–3-cellulatis puberulo; capsula 3-cocca, 0.5 mm longa; stylus capsula paulo brevior; stigmata 3, stylo longiora, minute tuberculata; semina fulva, elliptica, 0.5 mm longa, hexagono-reticulata, minute papillosa.

Nom. Jap. *Rengeti-hosikusa* (nov.).

Hab. Formosa : Prov. Taityû, in oppido Rengeti (Y. YAMAMOTO et K. MORI, Nov. 1932—typus in Herb. Imp. Univ. Taihoku.)(Y. KUDÔ, Jul. 1930)(Y. HASIOKA, Nov. 1932) (S. HIBINO et S. SUZUKI, Jul. 1936).

Distr. Endemica.